

Response to 2/23/05 Office Action

AMENDMENTS TO THE CLAIMS

Claims pending

- At time of the Action: Claims 1-20 and 30-31.
- After this Response: Claims 1-5, 7-14, 30, and 32-37.

Cancelled claims: 6, 15-20, and 31.

Withdrawn claims: 21-29.

Amended claims: 1, 2, 8, and 30.

New claims: 32-37.

Please amend the claims of the present application as set forth below.

1. (Currently amended) A printing device comprising:

one or more print cartridges configured to selectively eject generally fluidic material onto a media; and,

wherein at least one print cartridge of the one or more print cartridges is configured to eject a first generally fluidic material comprising a slurried suspension, and wherein at least one print cartridge of the one or more print cartridges is configured to eject a second generally fluidic material that does not comprise a slurried suspension.
2. (Currently amended) The printing device of claim 1, wherein the slurried suspension ~~comprises a slurried suspension~~ is configured to form a photovoltaic cell.

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3. (Original) The printing device of claim 2, wherein multiple print cartridges are configured to eject the slurried suspension, and wherein at least one of the multiple print cartridges is configured to eject a form of the slurried suspension that appears as a first color to an observer, and at least one different print cartridge of the multiple print cartridges is configured to eject a different form of the slurried suspension that appears as a second different color to an observer.
4. (Original) The printing device of claim 2, wherein each of the one or more print cartridges is configured to eject the slurried suspension.
5. (Original) The printing device of claim 1, wherein the slurried suspension comprises multi-phase mixed metal particles in a carrier solution.
6. (Cancelled).
7. (Original) The printing device of claim 1 further comprising at least one print cartridge configured to eject a second generally fluidic material comprising solar cell conditioning agents.
8. (Currently amended) A printing device comprising:

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a first set of firing nozzles formed in a first orifice layer;

a second different set of firing nozzles formed in a second orifice layer;

and,

wherein individual nozzles of the first set have a diameter taken transversely to a long axis of the individual nozzles of less than about 25 microns, and wherein individual nozzles of the second set have a diameter taken transversely to a long axis of the individual nozzles of more than about 25 microns, and wherein fluid is supplied to the first set of firing nozzles along a first fluid supply path and wherein individual nozzles of the first set of firing nozzles define a minimum dimension of the first fluid supply path, and wherein fluid is supplied to the second different set of firing nozzles along a second fluid supply path and wherein individual nozzles of the second set of firing nozzles define a minimum dimension of the second fluid supply path.

9. (Original) The printing device of claim 8, wherein the diameter of the first set is in a range of about 10 to about 25 microns.

10. (Original) The printing device of claim 8, wherein the diameter of the first set is about 12 microns.

11. (Original) The printing device of claim 8, wherein the diameter of

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the second set is in a range of about 50 to about 100 microns.

12. (Original) The printing device of claim 8, wherein the first orifice layer and the second orifice layer comprise the same orifice layer.

13. (Original) The printing device of claim 8, wherein the first orifice layer comprises a first print cartridge and the second orifice layer comprises a second different print cartridge.

14. (Original) The printing device of claim 8, wherein the first set is configured to eject a first type of generally fluidic material, and the second set is configured to eject a second different type of generally fluidic material.

15. - 20. (Cancelled).

21. (Withdrawn) A consumer good comprising:

a media having a pattern formed thereon by a printing device comprising one or more print cartridges; and,

wherein at least a portion of the pattern comprises a solar cell ejected as a slurried suspension from one or more of the print cartridges.

22. (Withdrawn) The consumer good of claim 21, wherein the at least a portion comprises a first area and a second different area, and wherein the

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first area and the second area appear as different colors to an observer.

23. (Withdrawn) The consumer good of claim 21 further comprising at least two electrodes positioned to transfer electrical current between the solar cell and an electronic device.

24. (Withdrawn) The consumer good of claim 21, wherein the consumer device comprises a greeting card.

25. (Withdrawn) A method comprising:

positioning a media relative to a printing device; and,

ejecting at least a solar slurry from the printing device to form a desired pattern on the media.

26. (Withdrawn) A method according to claim 25 further comprising positioning electrodes on the media to contact the solar slurry.

27. (Withdrawn) A method according to claim 25 wherein said act of ejecting comprises ejecting multiple solar slurries, and wherein at least two of the solar slurries appear as different colors to an observer.

28. (Withdrawn) A consumer good formed in accordance with the method

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of claim 25.

29. (Withdrawn) A consumer good packaging formed in accordance with the method of claim 25.

30. (Currently amended) A method comprising:

configuring a printing device to receive a print media; and,

configuring the printing device to receive one or more print cartridges configured to selectively eject multi-phase mixed metal particles in a carrier solution onto a print media, and one or more print cartridges configured to eject a fluidic ink that does not comprise multi-phase mixed metal particles.

31. (Cancelled).

32. (New) A printing device comprising:

one or more print cartridges configured to selectively eject generally fluidic material onto a media; and,

wherein at least one print cartridge of the one or more print cartridges is configured to eject a first generally fluidic material comprising a slurried suspension; and,

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at least one print cartridge configured to eject a second generally fluidic material comprising solar cell conditioning agents

33. (New) The printing device of claim 32, wherein the slurried suspension is configured to form a photovoltaic cell.

34. (New) The printing device of claim 33, wherein multiple print cartridges are configured to eject the slurried suspension, and wherein at least one of the multiple print cartridges is configured to eject a form of the slurried suspension that appears as a first color to an observer, and at least one different print cartridge of the multiple print cartridges is configured to eject a different form of the slurried suspension that appears as a second different color to an observer.

35. (New) The printing device of claim 33, wherein each of the one or more print cartridges is configured to eject the slurried suspension.

36. (New) The printing device of claim 32, wherein the slurried suspension comprises multi-phase mixed metal particles in a carrier solution.

37. (New) The printing device of claim 32 further comprising at least one print cartridge configured to eject a second generally fluidic material that does not comprise a slurried suspension.